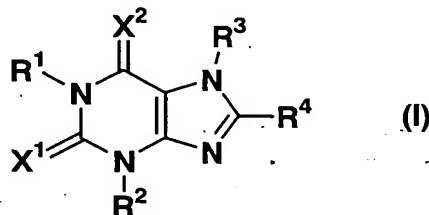


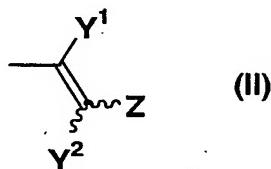
CLAIMS

1. An agent for treating migraine comprising, as an active ingredient, a xanthine derivative represented by formula (I):



[wherein R¹, R² and R³ are the same or different, and represent a hydrogen atom, lower alkyl, lower alkenyl or lower alkynyl;

R⁴ represents cycloalkyl, -(CH₂)_n-R⁵ (wherein R⁵ represents substituted or unsubstituted aryl, or substituted or a unsubstituted heterocyclic group; and n represents an integer of 0 to 4) or a group represented by formula (II):



(wherein Y¹ and Y² are the same or different, and represent a hydrogen atom, halogen or lower alkyl; and Z represents substituted or unsubstituted aryl or a substituted or unsubstituted heterocyclic group);

X¹ and X² are the same or different, and represent an oxygen atom or a sulfur atom]

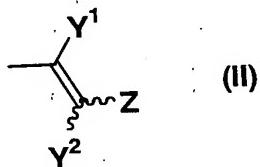
or a pharmaceutically acceptable salt thereof.

2. The agent for treating migraine according to claim

1, wherein X¹ and X² are both an oxygen atoms.

3. The agent for treating migraine according to claim

1 or 2, wherein R⁴ is a group represented by formula (II):



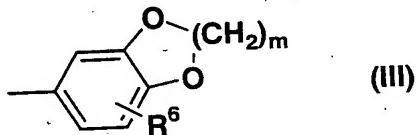
(wherein Y¹, Y² and Z each have the same meanings as defined above).

4. The agent for treating migraine according to claim

3, wherein Y¹ and Y² are both hydrogen atoms.

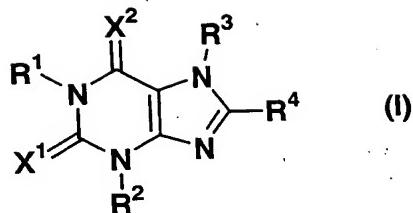
5. The agent for treating migraine according to claim

3 or 4, wherein Z is substituted or unsubstituted aryl or a group represented by formula (III):



(wherein R⁶ represents a hydrogen atom, hydroxy, lower alkyl, lower alkoxy, halogen, nitro or amino; and m represents an integer of 1 to 3).

6. A method for treating migraine which comprises administering an effective amount of a xanthine derivative represented by formula (I):

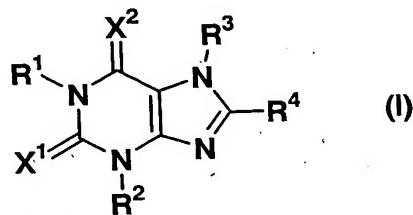


(wherein R¹, R², R³, R⁴, X¹ and X² each have the same meanings
as defined above)

or a pharmaceutically acceptable salt thereof.

7. Use of a xanthine derivative represented by formula

(I):



(wherein R¹, R², R³, R⁴, X¹ and X² each have the same meanings
as defined above)

or a pharmaceutically acceptable salt thereof for the
manufacture of an agent for treating migraine.